MOBILE TERMINAL DEVICE, METHOD FOR CONTROLLING MOBILE TERMINAL DEVICE, AND PROGRAM

The present application is a continuation application of U.S. application Ser. No. 13/497,902 filed Mar. 23, 2012 which is the U.S. National Stage application of International PCT application PCT/JP2010/066677 filed on Sep. 27, 2010, which claims priority under 35 U.S.C. §119 to Japanese Patent Application No. 2009-222525 filed on Sep. 28, 2009. The contents of each of these applications are incorporated herein by reference in their entirety.

TECHNICAL FIELD

The present invention relates to a mobile terminal device such as a mobile phone and a PDA (Personal Digital Assistant), and a method for controlling the mobile terminal device, and a program.

BACKGROUND ART

Generally, a mobile phone is configured to display an operation screen, a mail document, and a television image on a display such as a liquid crystal panel. A large-sized display makes it possible to display a large amount of information (such as documents) at one time, or largely display a television image. On the other hand, however, the large-sized display results in an increase in the size of the device itself, which hinders portability of the device.

In view of the above, there is proposed a mobile phone having a first display which is constantly exposed to the outside, and a second display which is accommodated in the phone body when the phone is carried, and is allowed to be exposed to the outside as necessary, wherein an image is displayed on a single display plane formed by integrating the two displays into one unit (see e.g. patent Document 1).

SUMMARY OF INVENTION

Technical Problem

Recently, there have been commercialized mobile phones configured in such a manner that a touch panel is disposed on a display, and a user is allowed to execute various applications by touching an icon displayed on the display with his or her fingertip. Such a mobile phone is operable to move an icon to an intended position on the screen by a dragging operation.

The mobile phone provided with two displays may also be configured to dispose a touch panel on each of the displays so that the user is allowed to perform an input operation using the touch panels. In this case, an icon may be moved between the first display and the second display by a dragging operation.

However, normally, there is a region corresponding to a part of a cabinet for accommodating a display between the first display and the second display. In this arrangement, when a dragging operation is performed, the finger touch onto the display surface is temporarily interrupted in the region corresponding to the part of the cabinet, with the result that it may be difficult to detect a dragging operation between the two displays.

As a result, erroneous determination may be made such that the dragging operation has finished at one end of one of the two displays, despite that the icon has been dragged from the one display to the other display by the dragging operation, and the icon may stagnate at the one end.

In view of the above, an object of the invention is to provide a mobile terminal device that enables to precisely perform a dragging operation between two display sections.

Solution to Problem

A mobile terminal device according to an aspect of the invention includes a first display section; a second display section arranged juxtaposed with the first display section; a display control section which controls display of the first display section and the second display section; and a detecting section which detects that an object to be moved displayed on the first display section or the second display section has been dragged. In this arrangement, the display control section is operable: to execute a reduced screen display processing of reducing in size a display screen displayed on the first display section and the second display section to display the reduced display screen on the display section on which the dragging operation is being performed, when the object to be moved is being dragged; and to return the reduced display screen to a display screen of a size before the size reduction to display the display screen of the size before the size reduction on the first display section and the second display section when the dragging operation has finished, and to display the object to be moved at a position, on the display screen of the size before the size reduction, corresponding to a position of the object to be moved on the reduced display screen at a time when the dragging operation has finished.

A second aspect of the invention relates to a method for controlling a mobile terminal device provided with a first display section and a second display section arranged juxtaposed with the first display section. The method for controlling a mobile terminal device according to the second aspect includes a step of reducing in size a display screen displayed on the first display section and the second display section to display the reduced display screen on the first display section, when an object to be moved displayed on the first display section is being dragged; and a step of returning the reduced display screen to a display screen of a size before the size reduction to display the display screen of the size before the size reduction on the first display section and the second display section when the dragging operation has finished, and of displaying the object to be moved at a position, on the display screen of the size before the size reduction, corresponding to a position of the object to be moved on the reduced display screen at a time when the dragging operation has finished.

A program according to the third aspect of the invention causes a computer in a mobile terminal device provided with a first display section and a second display section arranged juxtaposed with the first display section to execute the following steps of reducing in size a display screen displayed on the first display section and the second display section to display the reduced display screen on the first display section, when an object to be moved displayed on the first display section is being dragged; and returning the reduced display screen to a display screen of a size before the size reduction to display the display screen of the size before the size reduction on the first display section and the second display section when the dragging operation has finished, and displaying the object to be moved at a position, on the display screen of the size before the size reduction,